

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/551, 692
Source: DFWO
Date Processed by STIC: 09/08/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 09/08/2006

PATENT APPLICATION: US/10/551,692

TIME: 10:27:53

Input Set : A:\sequence.txt

Output Set: N:\CRF4\09082006\J551692.raw

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3 <110> APPLICANT: Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo
5 <120> TITLE OF INVENTION: Polypeptide
7 <130> FILE REFERENCE: WO1006
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/551,692
C--> 9 <141> CURRENT FILING DATE: 2005-09-30
9 <160> NUMBER OF SEQ ID NOS: 47
11 <210> SEQ ID NO: 1
12 <211> LENGTH: 13
13 <212> TYPE: PRT
14 <213> ORGANISM: Artificial Sequence
16 <220> FEATURE:
17 <223> OTHER INFORMATION: Peptide fragment of PAc at the positions of 365 to 377
19 <400> SEQUENCE: 1
20 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu
21   1               5               10
23 <210> SEQ ID NO: 2
24 <211> LENGTH: 3
25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Integrin binding motif
31 <400> SEQUENCE: 2
32 Arg Gly Asp
33   1
35 <210> SEQ ID NO: 3
36 <211> LENGTH: 3
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Integrin binding motif
43 <400> SEQUENCE: 3
44 Arg Glu Asp
45   1
47 <210> SEQ ID NO: 4
48 <211> LENGTH: 3
49 <212> TYPE: PRT
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Integrin binding motif
55 <400> SEQUENCE: 4
56 Leu Asp Val
57   1
59 <210> SEQ ID NO: 5

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60 <211> LENGTH: 5
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Integrin binding motif
67 <400> SEQUENCE: 5
68 Pro His Ser Arg Asn
69 1 5
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 3
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Integrin binding motif
79 <400> SEQUENCE: 6
80 Arg Lys Lys
81 1
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 4
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Integrin binding motif
91 <400> SEQUENCE: 7
92 Asp Gly Glu Ala
93 1
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 5
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Integrin binding motif
103 <400> SEQUENCE: 8
104 Tyr Ile Gly Ser Arg
105 1 5
107 <210> SEQ ID NO: 9
108 <211> LENGTH: 5
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Integrin binding motif
115 <400> SEQUENCE: 9
116 Ile Lys Val Ala Val
117 1 5
119 <210> SEQ ID NO: 10
120 <211> LENGTH: 8
121 <212> TYPE: PRT
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:

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125 <223> OTHER INFORMATION: Integrin binding motif
127 <400> SEQUENCE: 10
128 Arg Phe Tyr Val Val Met Trp Lys
129   1               5
131 <210> SEQ ID NO: 11
132 <211> LENGTH: 5
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Integrin binding motif
139 <400> SEQUENCE: 11
140 Ile Arg Val Val Met
141   1               5
143 <210> SEQ ID NO: 12
144 <211> LENGTH: 13
145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: A mutated unit peptide
151 <400> SEQUENCE: 12
152 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Gln Thr Glu Leu
153   1               5               10
155 <210> SEQ ID NO: 13
156 <211> LENGTH: 13
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: A mutated unit peptide
163 <400> SEQUENCE: 13
164 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Thr Asp Leu
165   1               5               10
167 <210> SEQ ID NO: 14
168 <211> LENGTH: 13
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: A mutated unit peptide
175 <400> SEQUENCE: 14
176 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Thr Ala Leu
177   1               5               10
179 <210> SEQ ID NO: 15
180 <211> LENGTH: 16
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: A mutated unit peptide
187 <400> SEQUENCE: 15
188 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu Lys Gln Tyr
189   1               5               10               15

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191 <210> SEQ ID NO: 16
192 <211> LENGTH: 14
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: A mutated unit peptide
199 <400> SEQUENCE: 16
200 Asn Glu Ala Asp Tyr Gln Ala Lys Leu Thr Ala Tyr Gln Thr
201   1           5           10
203 <210> SEQ ID NO: 17
204 <211> LENGTH: 27
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Unit peptide - Pac(305-318)
211 <400> SEQUENCE: 17
212 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu Asn Glu Ala
213   1           5           10           15
214 Asp Tyr Gln Ala Lys Leu Thr Ala Tyr Gln Thr
215           20           25
217 <210> SEQ ID NO: 18
218 <211> LENGTH: 27
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Pac(305-318) fragment - unit peptide
225 <400> SEQUENCE: 18
226 Asn Glu Ala Asp Tyr Gln Ala Lys Leu Thr Ala Tyr Gln Thr Thr Tyr
227   1           5           10           15
228 Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu
229           20           25
231 <210> SEQ ID NO: 19
232 <211> LENGTH: 20
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: OMP
239 <400> SEQUENCE: 19
240 Leu Ala Val Tyr Trp Glu Leu Leu Ala Lys Tyr Leu Leu Asp Arg Val
241   1           5           10           15
242 Gln Lys Val Ala
243           20
245 <210> SEQ ID NO: 20
246 <211> LENGTH: 35
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: OMP-KK-UP
253 <400> SEQUENCE: 20

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254 Leu Ala Val Tyr Trp Glu Leu Leu Ala Lys Tyr Leu Leu Asp Arg Val
255   1           5           10           15
256 Gln Lys Val Ala Lys Lys Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu
257           20           25           30
258 Ala Asp Leu
259           35
261 <210> SEQ ID NO: 21
262 <211> LENGTH: 35
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: UP-KK-OMP
269 <400> SEQUENCE: 21
270 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu Lys Lys Leu
271   1           5           10           15
272 Ala Val Tyr Trp Glu Leu Leu Ala Lys Tyr Leu Leu Asp Arg Val Gln
273           20           25           30
274 Lys Val Ala
275           35
277 <210> SEQ ID NO: 22
278 <211> LENGTH: 28
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Di unit peptide (UP-KK-UP)
285 <400> SEQUENCE: 22
286 Thr Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu Lys Lys Thr
287   1           5           10           15
288 Tyr Glu Ala Ala Leu Lys Gln Tyr Glu Ala Asp Leu
289           20           25
291 <210> SEQ ID NO: 23
292 <211> LENGTH: 3
293 <212> TYPE: PRT
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Cadherin binding motif
299 <400> SEQUENCE: 23
300 Asp Arg Glu
301   1
303 <210> SEQ ID NO: 24
304 <211> LENGTH: 3
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Cadherin binding motif
311 <400> SEQUENCE: 24
312 Asp Glu Asp
313   1
315 <210> SEQ ID NO: 25

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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date